1 **EXTERNALLY CUSTOMIZED TONAL-HIERARCHY CONFIGURATION AND**

2 **COMPLEMENTARY BUSINESS ARRANGEMENTS, FOR INKJET PRINTING**

3

4

5 **ABSTRACT**

6

7   A printer is made by one firm; a RIP made/programmed

8 by a separate RIP firm processes and sends to the printer

9 image data; a two-bit data pipeline passes data through

10 the RIP; a drop table converts data in the pipe to printer

11 resolution. RIP firms set up the table with output dot-

12 per-pixel structure different from the pipe. Ideally the

13 table is in the printer but formed by the RIP; the RIP has

14 precooked printmask instructions, and the printer, popup

15 instructions to refine mask instructions; the instructions

16 hide nozzle-out error and fix which pass prints each pix-

17 el; a computer, monitor etc. receive/create data and pass

18 them to the RIP. Another aspect: a printer has a plural-

19 bit data pipe, and interface to accept an external table

20 to convert data from the pipe to numbers of dots per pix-

21 el. The interface best accepts a printmode recipe too.